

ReneSola

Mono Half-Cut Module

390W/395W/400W/405W/410W

Twin1.0



Efficiency

High Module Conversion Efficiencies



Easy & Quick

Easy Installation and Handling for Various Applications



-2400Pa
-5400Pa

Mechanical Load Capability of up to 5400 Pa



IEC & PID Test

**Conforms with IEC 61215:2005,
IEC 61730:2004, PID Test**



Certification

ISO9001, OHSAS18001, ISO14001 Certified

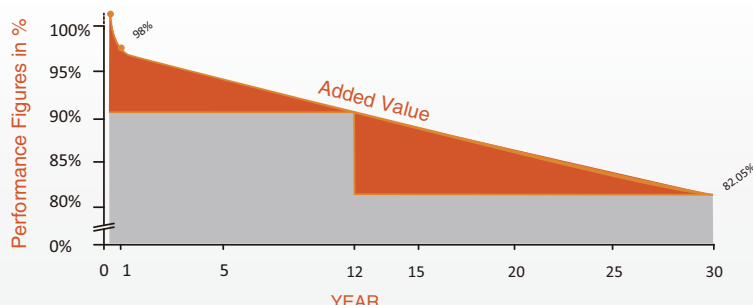


Safety & Fire

Application Class A, Safety Class II, Fire Rating C



Drawing Only for Reference



12-year

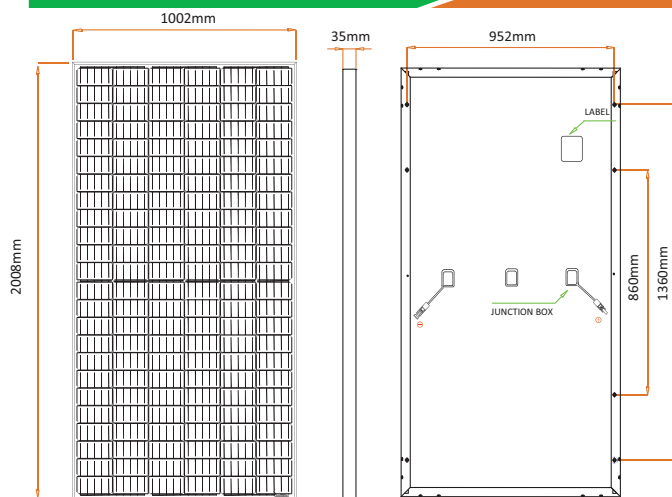
Material & Workmanship

30-year

Linear Power Output

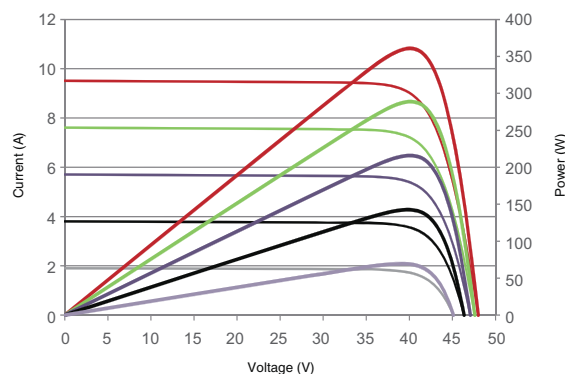
www.renesola.com

Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC

	JC390S-Abcp	JC395S-Abcp	JC400S-Abcp	JC405S-Abcp	JC410S-Abcp
Maximum Power (Pmax)	390W	395W	400W	405W	410W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	19.38%	19.63%	19.88%	20.13%	20.38%
Maximum Power Current (Imp)	9.56A	9.62A	9.67A	9.72A	9.77A
Maximum Power Voltage (Vmp)	40.8V	41.1V	41.4V	41.7V	42.0V
Short Circuit Current (Isc)	10.04A	10.24A	10.35A	10.48A	10.68A
Open Circuit Voltage (Voc)	49.1V	49.3V	49.5V	49.8V	50.0V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

	JC390S-Abcp	JC395S-Abcp	JC400S-Abcp	JC405S-Abcp	JC410S-Abcp
Maximum Power (Pmax)	295W	299W	303W	307W	311W
Maximum Power Current (Imp)	7.61A	7.65A	7.72A	7.76A	7.84A
Maximum Power Voltage (Vmp)	38.8V	39.1V	39.3V	39.6V	39.7V
Short Circuit Current (Isc)	8.07A	8.14A	8.21A	8.28A	8.38A
Open Circuit Voltage (Voc)	47.7V	48.0V	48.2V	48.5V	48.6V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

Cell Type	Mono P-Type, 158.75x158.75(±1)mm, 144(6x24) Half-Cut cells
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	*2008x1002x35mm
Output Cable	4mm ² (EU), 300mm
Weight	22.5 Kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.37%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

Container	40' GP	40' HQ
Pallets per Container	22	22
Pieces per Container	660	715

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A